Nuclear Instruments and Methods in Physics Research B 107 (1996) 409–416

ELSEVIER

NIM B
Beam Interactions with Materials & Atoms

Author index

Abu AlAzm, S.M., see Skuratov, V.A. . . . 107 (1996) 263
Ackermann, J., N. Angert, R. Neumann, C. Trautmann, M. Dischner, T. Hagen and M. Sedlacek, Ion track diameters in mica studied with scanning force microscopy . . . 107 (1996) 181
Adoui, L., see Vernhet, D. . . . 107 (1996) 71
Altynov, V.A., see Skuratov, V.A. . . . 107 (1996) 263
Ambri, M., see Ramos, S.M.M. . . . 107 (1996) 254
Andersen, J.U., see Forster, J.S. . . . 107 (1996) 27
André, V., see Chabot, M. . . . 107 (1996) 15
Andriamonje, S., M. Chevallier, C. Cohen, N. Cue, D. Dauvergne, J. Dural, F. Fujimoto, R. Kirsch, A. L'Hoir, J.-C. Poizat, Y. Quéré, J. Remillieux, C. Röhl, H. Rothard, J.P. Rozet, D. Schmaus, M. Toulemonde and D. Vernhet, Influence of intrashell excitation ($n = 2$) on the population of mestastable states of H- and He-like krypton ions in channeling conditions . . . 107 (1996) 1
Angert, N., see Ackermann, J. . . . 107 (1996) 181
Angert, N., see Schmidt, K. . . . 107 (1996) 381
Anne, R., see Bimbot, R. . . . 107 (1996) 9
Aoki, Y., see Kageyama, H. . . . 107 (1996) 47
Apel, P.Yu., A.Yu. Didyk and A.G. Salina, Physico-chemical modification of polyolefins irradiated by swift heavy ions . . . 107 (1996) 276
Arai, S., see Kageyama, H. . . . 107 (1996) 47
Assman, W., see Baudenbacher, F. . . . 107 (1996) 327
Audouard, A., J. Dural, M. Toulemonde, A. Lovas, G. Szenes and L. Thomé, Electronic slowing down-induced dimensional changes in amorphous $Fe_{85}B_{15}$ . . . 107 (1996) 185
Awata, T., see Kageyama, H. . . . 107 (1996) 47
Awaya, Y., see Kageyama, H. . . . 107 (1996) 47

Báder, A., U. Brinkmann, L. Sarkadi, E. Takács, R. Hippler and J. Pálinkás, Observation of convoy electrons induced by Rutherford-scattered protons . . . 107 (1996) 6
Báder, A., see Víkor, L. . . . 107 (1996) 79
Baixeras, C., see Mompart, J. . . . 107 (1996) 56
Balanzat, E., see Protin, L. . . . 107 (1996) 102
Balanzat, E., see Pariselle, M.A. . . . 107 (1996) 250
Ball, G.C., see Forster, J.S. . . . 107 (1996) 27
Barbey, S., see Bimbot, R. . . . 107 (1996) 9
Bárdos, G., see Kovács, T. . . . 107 (1996) 299
Baudenbacher, F., G. Dollinger, F. Ohnesorge, M. Bauer, W. Assman and H. Kinder, Impact and characterisation of heavy ion tracks on epitaxial growth . . . 107 (1996) 327
Bauer, M., see Baudenbacher, F. . . . 107 (1996) 327
Behr, M., see Speidel, K.-H. . . . 107 (1996) 133
Benfoughal, T., see Bimbot, R. . . . 107 (1996) 9
Benyagoub, A., A. Chamberod, J.C. Dran, A. Dunlop, F. Garrido, S. Klaumünzer and L. Thomé, Creep of a crystalline metallic layer induced by high energy heavy ion irradiation . . . 107 (1996) 189
Berényi, D., see Víkor, L. . . . 107 (1996) 79
Bergmaier, A., see Frey, C.M. . . . 107 (1996) 31
Betz, N., see Petersohn, E. . . . 107 (1996) 368
Billebaud, A., see Rothard, H. . . . 107 (1996) 108
Bimbot, R., S. Barbey, T. Benfoughal, F. Clapier, M. Mirea, N. Pauwels, S. Pierre, M.F. Rivet, G. Fares, A. Hachem, R. Anne, Y. Georget, R. Hue and C. Tribouillard, Stopping powers of gases for very heavy ions . . . 107 (1996) 9
Blundell, S.A., see Guet, C. . . . 107 (1996) 36
Bogdanski, P., see Mikou, M. . . . 107 (1996) 246
Borodin, V.A., see Volkov, A.E. . . . 107 (1996) 172
Bouffard, S., Relation between the basic phenomena and the observed damage . . . 107 (1996) 91

0168-583X/96/$15.00 © 1996 Elsevier Science B.V. All rights reserved

Brend'amour, M., see Kiefer, J. 107 (1996) 292
Brenier, R., see Canut, B. 107 (1996) 194
Brinkmalm, G., see Eriksson, J. 107 (1996) 281
Brinkmann, U., see Báder, A. 107 (1996) 6
Brunner, S., D.M. Rück, K. Tinschert, W.F.X. Frank and B. Knödler, Polymer based waveguiding structures obtained by ion beam irradiation at different energies 107 (1996) 333
Busch, H., see Speidel, K.-H. 107 (1996) 133
Buzdin, A., see Wahl, A. 107 (1996) 403

Cabeau, B., see Wang, Z.G. 107 (1996) 175
Canut, B., S.M.M. Ramos, R. Brenier, P. Thevenard, J.L. Loubet and M. Toulemonde, Surface modification of $LiNbO_3$ single crystals induced by swift heavy ions 107 (1996) 194
Canut, B., see Ramos, S.M.M. 107 (1996) 254
Carin, R., see Mikou, M. 107 (1996) 246
Cassimi, A., see Jardin, P. 107 (1996) 41
Cassimi, A., see Vernhet, D. 107 (1996) 71
Chabot, M., D. Gardès, M. Nectoux, J. Kiener, C. Deutsch, G. Maynard, V. André, C. Fleurier, D. Hong and K. Wohrer, Stripping properties of a plasma medium for MeV/u chlorine ions 107 (1996) 15
Chailley, V., E. Dooryhée and M. Levalois, Amorphization of mica through the formation of GeV heavy ion tracks . . 107 (1996) 199
Chambaudet, A., see Fromm, M. 107 (1996) 337
Chamberod, A., see Benyagoub, A. 107 (1996) 189
Chelyadinskii, A.R., see Varichenko, V.S. 107 (1996) 268
Chevallier, M., see Andriamonje, S. 107 (1996) 1
Clapier, F., see Bimbot, R. 107 (1996) 9
Clement, C., see Ramos, S.M.M. 107 (1996) 254
Cohen, C., see Andriamonje, S. 107 (1996) 1
Comins, J.D., see Pariselle, M.A. 107 (1996) 250
Cub, J., see Speidel, K.-H. 107 (1996) 133
Cucinotta, F.A., see Katz, R. 107 (1996) 287
Cue, N., see Andriamonje, S. 107 (1996) 1

Daguzan, P., see Petite, G. 107 (1996) 97
Dammak, H., A. Dunlop and D. Lesueur, Phase transformation induced by swift heavy ion irradiation of pure metals . 107 (1996) 204
Dauvergne, D., see Andriamonje, S. 107 (1996) 1
Davies, J.A., see Forster, J.S. 107 (1996) 27
Davies, W.G., see Forster, J.S. 107 (1996) 27
Demirev, P., see Eriksson, J. 107 (1996) 281
Demirev, P., see Papaléo, R.M. 107 (1996) 308
Deutsch, C., see Chabot, M. 107 (1996) 15
Didyk, A.Yu., see Apel, P.Yu. 107 (1996) 276
Dischner, M., see Ackermann, J. 107 (1996) 181
Djebara, M., see Meftah, A. 107 (1996) 242
Dollinger, G., see Frey, C.M. 107 (1996) 31
Dollinger, G., see Baudenbacher, F. 107 (1996) 327
Domingo, C., see Mompart, J. 107 (1996) 56
Dooryhee, E., see Protin, L. 107 (1996) 102
Dooryhée, E., see Chailley, V. 107 (1996) 199
Dooryhée, E., see Laurent, Ch. 107 (1996) 232
Dooryhee, E., see Ramos, S.M.M. 107 (1996) 254
Dooryhée, E., see Rodichev, D. 107 (1996) 259
Dooryhee, E., see Ghidini, M. 107 (1996) 344
Dörner, R., see Moshammer, R. 107 (1996) 62
Doualan, J.L., see Protin, L. 107 (1996) 102
Douillard, L. and J.P. Duraud, Swift heavy ion amorphization of quartz – a comparative study of the particle amorphization mechanism of quartz 107 (1996) 212
Dran, J.C., see Benyagoub, A. 107 (1996) 189
Dufour, C., see Laurent, Ch. 107 (1996) 232
Dufour, C., see Trautmann, C. 107 (1996) 397
Dufour, Ch., Z.G. Wang, M. Levalois, P. Marie, E. Paumier, F. Pawlak and M. Toulemonde, Sensitivity of metallic materials under irradiation with swift heavy ions 107 (1996) 218
Dufour, Ch., see Wang, Z.G. 107 (1996) 175

Dunlop, A., see Benyagoub, A. 107 (1996) 189
Dunlop, A., see Dammak, H. 107 (1996) 204
Dural, J., see Andriamonje, S. 107 (1996) 1
Dural, J., see Wang, Z.G. 107 (1996) 175
Dural, J., see Audouard, A. 107 (1996) 185
Duraud, J.P., see Douillard, L. 107 (1996) 212

Eriksson, J., J. Kopniczky, P. Demirev, R.M. Papaléo, G. Brinkmalm, C.T. Reimann, P. Håkansson and B.U.R. Sundqvist, Damage cross sections and surface track dimensions of biomolecular surfaces bombarded by swift-heavy-ions 107 (1996) 281
Eriksson, J., see Papaléo, R.M. 107 (1996) 308
Esser, M., see Steckenreiter, T. 107 (1996) 393

Faestermann, T., see Frey, C.M. 107 (1996) 31
Fahrner, W.R., see Varichenko, V.S. 107 (1996) 268
Fainstein, P.D., G.H. Olivera and R.D. Rivarola, Theoretical calculations of the stopping power for protons traversing H, He and simple molecular targets 107 (1996) 19
Fares, G., see Bimbot, R. 107 (1996) 9
Fernández, F., see Mompart, J. 107 (1996) 56
Fleurier, C., see Chabot, M. 107 (1996) 15
Fnidiki, A., see Richomme, F. 107 (1996) 374
Forster, J.S., G.C. Ball, W.G. Davies, J.S. Geiger, J.U. Andersen, J.A. Davies, H. Geissel and F. Nickel, Resonant coherent excitation (RCE) of higher-order resonances for $^{28}Si^{13+}$ ions channeled in a thin Si crystal 107 (1996) 27
Frank, W.F.X., see Brunner, S. 107 (1996) 333
Frey, C.M., G. Dollinger, A. Bergmaier, T. Faestermann and P. Maier-Komor, Charge state dependence of the stopping power of 1 MeV/A ^{58}Ni ions 107 (1996) 31
Friese, K., see Schmidt, K. 107 (1996) 381
Fromm, M., P. Meyer and A. Chambaudet, Ion track etching in isotropic polymers: etched track shape and detection efficiency 107 (1996) 337
Fuchs, G., see Wang, Z.G. 107 (1996) 175
Fuess, H., see Steckenreiter, T. 107 (1996) 393
Fuhrmann, J., see Steckenreiter, T. 107 (1996) 393
Fujii, K., see Kageyama, H. 107 (1996) 47
Fujimoto, F., see Andriamonje, S. 107 (1996) 1
Furuno, S., H. Otsu, K. Hojou and K. Izui, Tracks of high energy heavy ions in solids 107 (1996) 223

Gandais, M., see Rodichev, D. 107 (1996) 259
Gardès, D., see Chabot, M. 107 (1996) 15
Garrido, F., see Benyagoub, A. 107 (1996) 189
Geiger, J.S., see Forster, J.S. 107 (1996) 27
Geissel, H., see Forster, J.S. 107 (1996) 27
Georget, Y., see Bimbot, R. 107 (1996) 9
Gerber, J., see Speidel, K.-H. 107 (1996) 133
Gervais, B., see Rothard, H. 107 (1996) 108
Gervais, B., see Ghidini, M. 107 (1996) 344
Ghidini, M., J.P. Nozières, D. Givord, A. Liénard, B. Gervais and E. Dooryhee, Structural analysis of ferromagnetic latent tracks in RCo_2 thin films (R = Y,Tm,Ce) by means of X-ray diffraction 107 (1996) 344
Givord, D., see Ghidini, M. 107 (1996) 344
Gohla, A., see Speidel, K.-H. 107 (1996) 133
Goppelt-Langer, P., see Kageyama, H. 107 (1996) 47
Gotthardt, R., see Wyser, A. 107 (1996) 273
Goupil, Ch., see Simon, Ch. 107 (1996) 384
Gourbilleau, F., see Laurent, Ch. 107 (1996) 232
Grabowy, U., see Speidel, K.-H. 107 (1996) 133
Grandin, J.P., see Jardin, P. 107 (1996) 41
Grandin, J.P., see Rothard, H. 107 (1996) 108
Groult, D., see Simon, Ch. 107 (1996) 384
Guet, C., B.A. Huber and S.A. Blundell, Formation and Coulomb dissociation of highly charged metal clusters in ion–cluster collisions 107 (1996) 36
Guizard, S., see Petite, G. 107 (1996) 97

Haas, H. and ISOLDE Collaboration, Condensed matter physics with radioactive ion beams . . . 107 (1996) 349
Hachem, A., see Bimbot, R. . . . 107 (1996) 9
Hagen, T., see Ackermann, J. . . . 107 (1996) 181
Hagmann, S., see Zouros, T.J.M. . . . 107 (1996) 87
Håkansson, P., see Eriksson, J. . . . 107 (1996) 281
Håkansson, P., see Papaléo, R.M. . . . 107 (1996) 308
Han Jin, see Jin Yunfan, . . . 107 (1996) 227
Hardy, V., see Simon, Ch. . . . 107 (1996) 384
Hardy, V., see Wahl, A. . . . 107 (1996) 403
Heilmann, J., see Taucher-Scholz, G. . . . 107 (1996) 318
Hennecart, D., see Jardin, P. . . . 107 (1996) 41
Hervieu, M., see Meillon, S. . . . 107 (1996) 363
Hilf, E.R., see Tuszynski, W. . . . 107 (1996) 160
Hippler, R., see Báder, A. . . . 107 (1996) 6
Hojou, K., see Furuno, S. . . . 107 (1996) 223
Hong, D., see Chabot, M. . . . 107 (1996) 15
Horino, Y., see Kageyama, H. . . . 107 (1996) 47
Huber, B.A., see Guet, C. . . . 107 (1996) 36
Hue, R., see Bimbot, R. . . . 107 (1996) 9

ISOLDE Collaboration, see Haas, H. . . . 107 (1996) 349
Izui, K., see Furuno, S. . . . 107 (1996) 223

Jakob, G., see Speidel, K.-H. . . . 107 (1996) 133
Jardin, P., A. Cassimi, J.P. Grandin, D. Hennecart and J.P. Lemoigne, Dynamics of Xe^{44+} (6.7 MeV/A) + Ar and He collisions . . . 107 (1996) 41
Jardin, P., see Moshammer, R. . . . 107 (1996) 62
Jin Yunfan, Xu Ronghui, Quan Jingming, Wang Zhiguang, Meng Qinghua, Sun Youmei, Ma Feng, Han Jin, Liu Gang, Liu Jie and Li Changlin, 1 GeV Ar ions induced amorphization in garnet . . . 107 (1996) 227
Jung, M., see Rothard, H. . . . 107 (1996) 108
Jussiaux, C., see Trigaud, T. . . . 107 (1996) 323

Kageyama, H., K. Kawatsura, R. Takahashi, T. Awata, T. Nakae, S. Arai, T. Kambara, M. Oura, T. Papp, Y. Kanai, Y. Awaya, H. Takeshita, Y. Aoki, S. Yamamoto, P. Goppelt-Langer, H. Naramoto, Y. Horino, Y. Mokuno and K. Fujii, L X-ray spectra of Fe and Cu by 0.75 MeV/u H, He, Si and Ar ion impacts . . . 107 (1996) 47
Kambara, T., see Kageyama, H. . . . 107 (1996) 47
Kanai, Y., see Kageyama, H. . . . 107 (1996) 47
Kandler, T., P.H. Mokler and Th. Stöhlker, A case study for charge state breeding of heavy ions in the storage ring, ESR . . . 107 (1996) 357
Katsonis, K., see Maynard, G. . . . 107 (1996) 51
Katz, R., F.A. Cucinotta and C.X. Zhang, The calculation of radial dose from heavy ions: predictions of biological action cross sections . . . 107 (1996) 287
Kawatsura, K., see Kageyama, H. . . . 107 (1996) 47
Kazutchits, N.M., see Varichenko, V.S. . . . 107 (1996) 268
Kiefer, J., M. Brend'amour and U. Stoll, Heavy ion action on biological systems . . . 107 (1996) 292
Kiener, J., see Chabot, M. . . . 107 (1996) 15
Kinder, H., see Baudenbacher, F. . . . 107 (1996) 327
Kirsch, R., see Andriamonje, S. . . . 107 (1996) 1
Klaumünzer, S., see Benyagoub, A. . . . 107 (1996) 189
Knödler, B., see Brunner, S. . . . 107 (1996) 333
Koch, K., see Tuszynski, W. . . . 107 (1996) 160
Kopniczky, J., see Eriksson, J. . . . 107 (1996) 281
Kovács, T. and G. Bárdos, Ion induced gelation of polymers investigated by Monte Carlo simulation . . . 107 (1996) 299
Kraft, G., see Taucher-Scholz, G. . . . 107 (1996) 318
Kremeyer, S., see Speidel, K.-H. . . . 107 (1996) 133

Latushko, Ya.I., see Varichenko, V.S. . . . 107 (1996) 268
Laurent, Ch., E. Dooryhée, C. Dufour, F. Gourbilleau, M. Levalois, G. Nouet and E. Paumier, Modification by high energy ion irradiation of iron–alumina nano-composites . . . 107 (1996) 232
Lavallard, Ph., see Rodichev, D. . . . 107 (1996) 259
LaVerne, J.A., Development of radiation chemistry studies of aqueous solutions with heavy ions . . . 107 (1996) 302

Lefrant, S., see Pariselle, M.A. 107 (1996) 250
Le Moël, A., see Schlößer, D. 107 (1996) 313
Le Moël, A., see Petersohn, E. 107 (1996) 368
Lemoigne, J.P., see Jardin, P. 107 (1996) 41
Lesueur, D., see Dammak, H. 107 (1996) 204
Levalois, M., I. Lhermitte-Sebire, P. Marie, E. Paumier and J. Vicens, Optical and electrical properties of 6H α-SiC irradiated by swift xenon ions 107 (1996) 239
Levalois, M., see Chailley, V. 107 (1996) 199
Levalois, M., see Dufour, Ch. 107 (1996) 218
Levalois, M., see Laurent, Ch. 107 (1996) 232
Lhermitte-Sebire, I., see Levalois, M. 107 (1996) 239
L'Hoir, A., see Andriamonje, S. 107 (1996) 1
Liao, C., see Zouros, T.J.M. 107 (1996) 87
Li Changlin, see Jin Yunfan, ... 107 (1996) 227
Liénard, A., see Ghidini, M. 107 (1996) 344
Liu Gang, see Jin Yunfan, ... 107 (1996) 227
Liu Jie, see Jin Yunfan, ... 107 (1996) 227
Loubet, J.L., see Canut, B. 107 (1996) 194
Lovas, A., see Audouard, A. 107 (1996) 185

Mabong, S., see Maynard, G. 107 (1996) 51
Madelon, R., see Mikou, M. 107 (1996) 246
Ma Feng, see Jin Yunfan, ... 107 (1996) 227
Maier-Komor, P., see Frey, C.M. 107 (1996) 31
Maier-Komor, P., see Speidel, K.-H. 107 (1996) 133
Margerie, J., see Protin, L. 107 (1996) 102
Marie, P., see Dufour, Ch. 107 (1996) 218
Marie, P., see Levalois, M. 107 (1996) 239
Martin, P., see Petite, G. 107 (1996) 97
Martinovich, V.A., see Varichenko, V.S. 107 (1996) 268
Maynard, G., K. Katsonis and S. Mabong, Average atom model for swift heavy ions in dense matter 107 (1996) 51
Maynard, G., see Chabot, M. 107 (1996) 15
Mazière, B., see Trigaud, T. 107 (1996) 323
Meftah, A., M. Djebara, J.P. Stoquert, F. Studer and M. Toulemonde, Electronic stopping power threshold of sputtering in yttrium iron garnet 107 (1996) 242
Meillon, S., F. Studer, M. Hervieu and H. Pascard, Changes in magnetic properties of magnetite Fe_3O_4 ceramics induced by high energy heavy ion irradiation 107 (1996) 363
Meng Qinghua, see Jin Yunfan, ... 107 (1996) 227
Mergel, V., see Moshammer, R. 107 (1996) 62
Meyer, P., see Fromm, M. 107 (1996) 337
Mikou, M., R. Carin, P. Bogdanski and R. Madelon, Experimental study by "in situ" resistivity measurements of swift heavy ion induced defects in GaAs crystals 107 (1996) 246
Mirea, M., see Bimbot, R. 107 (1996) 9
Mokler, P.H., see Kandler, T. 107 (1996) 357
Mokuno, Y., see Kageyama, H. 107 (1996) 47
Moliton, J.P., see Trigaud, T. 107 (1996) 323
Mompart, J., C. Domingo, C. Baixeras and F. Fernández, Calculation of range and energy loss of fast ions with $Z \geq 30$ using a corrected Bethe–Bloch formula 107 (1996) 56
Moshammer, R., J. Ullrich, M. Unverzagt, W. Schmitt, P. Jardin, R.E. Olson, R. Dörner, V. Mergel and H. Schmidt-Böcking, The dynamics of target ionization by fast highly charged projectiles 107 (1996) 62

Nakae, T., see Kageyama, H. 107 (1996) 47
Naramoto, H., see Kageyama, H. 107 (1996) 47
Nectoux, M., see Chabot, M. 107 (1996) 15
Neumann, R., see Ackermann, J. 107 (1996) 181
Nickel, F., see Forster, J.S. 107 (1996) 27
Nouet, G., see Laurent, Ch. 107 (1996) 232
Nozières, J.P., see Ghidini, M. 107 (1996) 344

Ohnesorge, F., see Baudenbacher, F. 107 (1996) 327
Olivera, G.H., see Fainstein, P.D. 107 (1996) 19

Olson, R.E., see Moshammer, R. 107 (1996) 62
Otsu, H., see Furuno, S. 107 (1996) 223
Oura, M., see Kageyama, H. 107 (1996) 47

Pálinkás, J., see Báder, A. 107 (1996) 6
Pálinkás, J., see Víkor, L. 107 (1996) 79
Papaléo, R.M., P. Demirev, J. Eriksson, P. Håkansson and B.U.R. Sundqvist, Radial velocity distributions of secondary ions ejected from PTFE by MeV atomic ions 107 (1996) 308
Papaléo, R.M., see Eriksson, J. 107 (1996) 281
Papp, T., see Kageyama, H. 107 (1996) 47
Pariselle, M.A., S. Lefrant, B. Ramstein, J.D. Comins and E. Balanzat, Depth profiles of interstitial halogen defects in high energy ion bombarded alkali iodides by micro-Raman spectroscopy 107 (1996) 250
Pascard, H., see Meillon, S. 107 (1996) 363
Paumier, E., see Wang, Z.G. 107 (1996) 175
Paumier, E., see Dufour, Ch. 107 (1996) 218
Paumier, E., see Laurent, Ch. 107 (1996) 232
Paumier, E., see Levalois, M. 107 (1996) 239
Paumier, E., see Trautmann, C. 107 (1996) 397
Pauwels, N., see Bimbot, R. 107 (1996) 9
Pawlak, F., see Wang, Z.G. 107 (1996) 175
Pawlak, F., see Dufour, Ch. 107 (1996) 218
Penent, F., see Víkor, L. 107 (1996) 79
Penina, N.M., see Varichenko, V.S. 107 (1996) 268
Perriere, J., see Rodichev, D. 107 (1996) 259
Petersohn, E., N. Betz and A. Le Moël, Modification of dielectric relaxations and phase transitions in ferroelectric polymers induced by swift heavy ion grafting 107 (1996) 368
Petite, G., P. Daguzan, S. Guizard and P. Martin, Conduction electrons in wide-bandgap oxides: a subpicosecond time-resolved optical study 107 (1996) 97
Pierre, S., see Bimbot, R. 107 (1996) 9
Pitaval, M., see Ramos, S.M.M. 107 (1996) 254
Poizat, J.-C., see Andriamonje, S. 107 (1996) 1
Protin, L., E. Balanzat, E. Dooryhee, J.L. Doualan and J. Margerie, Ageing of the self-trapped exciton luminescence under swift heavy ion irradiation 107 (1996) 102
Provost, J., see Simon, Ch. 107 (1996) 384
Provost, J., see Wahl, A. 107 (1996) 403

Quan Jingming, see Jin Yunfan, ... 107 (1996) 227
Quéré, Y., see Andriamonje, S. 107 (1996) 1

Ramillon, J.M., see Vernhet, D. 107 (1996) 71
Ramos, S.M.M., see Canut, B. 107 (1996) 194
Ramos, S.M.M., B. Canut, M. Ambri, C. Clement, E. Dooryhee, M. Pitaval, P. Thevenard and M. Toulemonde, Europium diffusion enhancement in $LiNbO_3$ irradiated with GeV nickel ions: influence of the damage morphology 107 (1996) 254
Ramstein, B., see Pariselle, M.A. 107 (1996) 250
Reimann, C.T., see Eriksson, J. 107 (1996) 281
Remillieux, J., see Andriamonje, S. 107 (1996) 1
Rezny, C., see Speidel, K.-H. 107 (1996) 133
Richard, P., see Zouros, T.J.M. 107 (1996) 87
Richomme, F., A. Fnidiki, J. Teillet and M. Toulemonde, Tb/Fe amorphous multilayers: transformations under ions irradiation 107 (1996) 374
Rivarola, R.D., see Fainstein, P.D. 107 (1996) 19
Rivet, M.F., see Bimbot, R. 107 (1996) 9
Rodichev, D., Ph. Lavallard, E. Dooryhée, A. Slaoui, J. Perriere, M. Gandais and Y. Wang, Formation of Si nanocrystals by heavy ion irradiation of amorphous SiO films 107 (1996) 259
Röhl, C., see Andriamonje, S. 107 (1996) 1
Rothard, H., M. Jung, B. Gervais, J.P. Grandin, A. Billebaud and R. Wünsch, Fluence dependent electron emission as a measure of surface modification induced by swift heavy ions 107 (1996) 108
Rothard, H., see Andriamonje, S. 107 (1996) 1
Rozet, J.P., C. Stéphan and D. Vernhet, ETACHA: a program for calculating charge states at GANIL energies 107 (1996) 67
Rozet, J.P., see Andriamonje, S. 107 (1996) 1

Rozet, J.P., see Vernhet, D. 107 (1996) 71
Rück, D.M., see Brunner, S. 107 (1996) 333
Ruyter, A., see Simon, Ch. 107 (1996) 384

Salina, A.G., see Apel, P.Yu. 107 (1996) 276
Sarkadi, L., see Báder, A. 107 (1996) 6
Sarkadi, L., see Víkor, L. 107 (1996) 79
Schäublin, R., see Wyser, A. 107 (1996) 273
Schiwietz, G. and G. Xiao, Electron ejection from solids induced by fast highly-charged ions 107 (1996) 113
Schlößer, D. and A. Le Moël, The effect of different energy losses (dE/dx) on the swift heavy ion induced modifications of the Curie transition in fluorinated ferroelectric polymers 107 (1996) 313
Schmaus, D., see Andriamonje, S. 107 (1996) 1
Schmidt-Böcking, H., see Moshammer, R. 107 (1996) 62
Schmidt, K., K. Friese, N. Angert and Ch. Trautmann, Selective capillary diffusion of equimolar H_2/D_2 gas mixtures through etched ion track membranes prepared from polyethylene terephthalate and polyimide 107 (1996) 381
Schmitt, W., see Moshammer, R. 107 (1996) 62
Schwartz, K., Electronic excitations and defect creation in LiF crystals 107 (1996) 128
Sedlacek, M., see Ackermann, J. 107 (1996) 181
Simon, Ch., J. Provost, D. Groult, V. Hardy, A. Wahl, Ch. Goupil and A. Ruyter, Vortex pinning and columnar defects in superconducting oxides 107 (1996) 384
Simon, Ch., see Wahl, A. 107 (1996) 403
Skuratov, V.A., V.A. Altynov and S.M. Abu AlAzm, Luminescence studies of sapphire under 1 MeV/amu ion irradiation 107 (1996) 263
Slaoui, A., see Rodichev, D. 107 (1996) 259
Speidel, K.-H., G. Jakob, H. Busch, U. Grabowy, J. Cub, A. Gohla, S. Kremeyer, C. Rezny, M. Behr, J. Gerber and P. Maier-Komor, Range and stopping power dependence of heavy ion-induced demagnetizations of ferromagnetic materials 107 (1996) 133
Spohr, R., see Steckenreiter, T. 107 (1996) 393
Spohr, R., see Trautmann, C. 107 (1996) 397
Stampfli, P., Electronic excitation and structural stability of solids 107 (1996) 138
Steckenreiter, T., M. Esser, H. Fuess, J. Fuhrmann, R. Spohr and C. Trautmann, Solvent induced track sensitization. Role of amines 107 (1996) 393
Stéphan, C., see Rozet, J.P. 107 (1996) 67
Stéphan, C., see Vernhet, D. 107 (1996) 71
Stöhlker, Th., see Kandler, T. 107 (1996) 357
Stoll, U., see Kiefer, J. 107 (1996) 292
Stoquert, J.P., see Meftah, A. 107 (1996) 242
Studer, F., see Meftah, A. 107 (1996) 242
Studer, F., see Meillon, S. 107 (1996) 363
Sundqvist, B.U.R., see Eriksson, J. 107 (1996) 281
Sundqvist, B.U.R., see Papaléo, R.M. 107 (1996) 308
Sun Youmei, see Jin Yunfan, ... 107 (1996) 227
Szenes, G., Formation of amorphous latent tracks in mica 107 (1996) 146
Szenes, G., The anisotropic growth in amorphous materials and the latent track formation induced by energetic ion bombardment 107 (1996) 150
Szenes, G., see Audouard, A. 107 (1996) 185

Takács, E., see Báder, A. 107 (1996) 6
Takahashi, R., see Kageyama, H. 107 (1996) 47
Takeshita, H., see Kageyama, H. 107 (1996) 47
Taucher-Scholz, G., J. Heilmann and G. Kraft, Induction of DNA strand breaks by heavy ions 107 (1996) 318
Teillet, J., see Richomme, F. 107 (1996) 374
Thevenard, P., see Canut, B. 107 (1996) 194
Thevenard, P., see Ramos, S.M.M. 107 (1996) 254
Thomé, L., see Audouard, A. 107 (1996) 185
Thomé, L., see Benyagoub, A. 107 (1996) 189
Tinschert, K., see Brunner, S. 107 (1996) 333
Toth, G., see Zouros, T.J.M. 107 (1996) 87
Toulemonde, M., see Andriamonje, S. 107 (1996) 1
Toulemonde, M., see Wang, Z.G. 107 (1996) 175
Toulemonde, M., see Audouard, A. 107 (1996) 185

Toulemonde, M., see Canut, B. 107 (1996) 194
Toulemonde, M., see Dufour, Ch. 107 (1996) 218
Toulemonde, M., see Meftah, A. 107 (1996) 242
Toulemonde, M., see Ramos, S.M.M. 107 (1996) 254
Toulemonde, M., see Richomme, F. 107 (1996) 374
Toulemonde, M., see Trautmann, C. 107 (1996) 397
Trautmann, C., C. Dufour, E. Paumier, R. Spohr and M. Toulemonde, Track etching in amorphous metallic $Fe_{81}B_{13.5}Si_{3.5}C_2$ 107 (1996) 397
Trautmann, C., see Ackermann, J. 107 (1996) 181
Trautmann, C., see Steckenreiter, T. 107 (1996) 393
Trautmann, Ch., see Schmidt, K. 107 (1996) 381
Tribouillard, C., see Bimbot, R. 107 (1996) 9
Trigaud, T., J.P. Moliton, C. Jussiaux and B. Mazière, Fluence and fluence rate effects on electrical conductivity and shrinkage in polyimide bombarded by an ion beam 107 (1996) 323
Trinkaus, H., Anisotropic creep and growth of amorphous solids under swift heavy ion bombardment: An asymptotic thermal spike approach 107 (1996) 155
Tuszynski, W., K. Koch and E.R. Hilf, Sample and plume luminescence in fast heavy ion induced desorption 107 (1996) 160

Ullrich, J., see Moshammer, R. 107 (1996) 62
Unverzagt, M., see Moshammer, R. 107 (1996) 62

Varichenko, V.S., A.M. Zaitsev, N.M. Kazutchits, A.R. Chelyadinskii, N.M. Penina, V.A. Martinovich, Ya.I. Latushko and W.R. Fahrner, Defect production in silicon irradiated with 5.68 GeV Xe ions 107 (1996) 268
Vasil'ev, A.N., Polarization approximation for electron cascade in insulators after high-energy excitation 107 (1996) 165
Vernhet, D., J.P. Rozet, K. Wohrer, L. Adoui, C. Stéphan, A. Cassimi and J.M. Ramillon, Excitation in swift heavy ion–atom collisions 107 (1996) 71
Vernhet, D., see Andriamonje, S. 107 (1996) 1
Vernhet, D., see Rozet, J.P. 107 (1996) 67
Vicens, J., see Levalois, M. 107 (1996) 239
Víkor, L., L. Sarkadi, A. Báder, F. Penent, J. Pálinkás and D. Berényi, Study of cusp electron production at impact of C^+ ions 107 (1996) 79
Volkov, A.E. and V.A. Borodin, The rate of the electron–ion heat transfer in swift heavy particle tracks in metals . . 107 (1996) 172

Wahl, A., V. Hardy, J. Provost, Ch. Simon and A. Buzdin, Field dependence study of the reversible magnetization in heavy ions irradiated thallium based single crystals 107 (1996) 403
Wahl, A., see Simon, Ch. 107 (1996) 384
Wang, Y., see Rodichev, D. 107 (1996) 259
Wang, Z.G., Ch. Dufour, B. Cabeau, J. Dural, G. Fuchs, E. Paumier, F. Pawlak and M. Toulemonde, Velocity effect on the damage creation in metals in the electronic stopping power regime 107 (1996) 175
Wang, Z.G., see Dufour, Ch. 107 (1996) 218
Wang Zhiguang, see Jin Yunfan, ... 107 (1996) 227
Wohrer, K., see Chabot, M. 107 (1996) 15
Wohrer, K., see Vernhet, D. 107 (1996) 71
Wünsch, R., see Rothard, H. 107 (1996) 108
Wyser, A., R. Schäublin and R. Gotthardt, Amorphization in Al induced by high-energy Ni ion implantation 107 (1996) 273

Xiao, G., see Schiwietz, G. 107 (1996) 113
Xu Ronghui, see Jin Yunfan, ... 107 (1996) 227

Yamamoto, S., see Kageyama, H. 107 (1996) 47
Yavlinskii, Yu.N., Elastic interaction of MeV/amu heavy multicharged ions with solids 107 (1996) 83

Zaitsev, A.M., see Varichenko, V.S. 107 (1996) 268
Zhang, C.X., see Katz, R. 107 (1996) 287
Zouros, T.J.M., G. Toth, P. Richard, C. Liao and S. Hagmann, Zero-degree binary encounter electron production in 30 MeV bare O^{8+} in collisions with H_2, He, Ne, Ar, Kr and Xe 107 (1996) 87